Work Order <i>July-19-12 9:51:3</i>		51			Page 1					
Revision ID:	0412-702-307 Iarness Assembl	ly		Accept	*N900	04010	n* s	etup Star Stop	171.	S1* S2*
	/05/12	Start Qty: 3.00 Req'd Qty: 3.00	*3* *3*		Cust Item I Customer:	D:			, 41	.,
Approvals:		MLJ	Date: 1207	Tooling: SPC (Y/N):		nte:	- -	tun Star Sto	" \ 	R1* R2*
Sequence ID/ Work Center ID	T	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan Code	-	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr		ion Nbr								
ICAD412-702	4			0.00						5/1
100 Small Fab		Memo Assemble	as per dwg ICA D412-7	0.00			3x			Top
i10 *11 0 *		QC5- Inspect part com	pleteness to step on W/C	0.00 DAS	12/03/25		(-2)		1
QC Quality Control		Memo		0.00				, .		
120				0.00			~ .			\Box
120 Packaging Packaging		Memo Identify w CHG001 Location: PPP Rev:	ith P/N & CHG# and pa	0.00 ck for shipping as per PPP I	D412-702-307		- 5 X-	. <u> </u>		2-7-

NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORI	MANCE / UPI	DATE	QA Closed:	Date	·
		· · · · · ·				DISPOSITION				AGAINST DE			
Work Ord Part NCR	No.					Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite				Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		Initial	Act	tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved		:											
		 				·	AUL	T CATE	GORY		· ·		
Landi	ing (7				General	_	1			- 1	-	 1
		Bending Centre No Cracks	ot Concer	ntric to (o/s	Bend BOM/Route Broken/Damaged		Grain Hardwa Inspecti	ire ion Incomplete		Ovalized Over/Under Part Incorre	<u> </u>	Pressure/Forced Temperature/Cure Weld
		Crushed/	Crimped.		<u></u>	Burrs		4	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Г	Cuffs				Contamination		Mainte			Part Moved		
		Heat Trea	at			Countersink		Mislabe	eled	<u> </u>	Positioned V	Vrong	
	Г	Inspectio	n Strip in	Tube		Cut Too Short	Г	Misread	i		Power Loss/	Surge	Other
		Ripples in	Bend			Drill Holes		Offset		_	•	_	•
		Torque W	/aves in E	xtrusion	,	Drawing	\Box	Out of (Calibration				

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Orde July-19-12 9:51		461		*874	161*							Page 2
Revision ID:	D412-702-30			Accept	*N900	040	100)*	Setup	Start Stop	1.71	S1* S2*
Start Date: Required Date: Reference:	7/05/12 8/03/12	Start Qty: 3.00 Req'd Qty: 3.00	*3* *3*		Cust Item ID: Customer:							
Approvals:	Process Pla	ın:	Date:	Tooling: SPC (Y/N):	Date:				Run	Start Stop	171	R1* R2*
Sequence ID/ Work Center II 130 *130*)	Operation Description QC21- Final Inspection	- Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	t Re Qt		Reject Number	Insp. Stamp
QC Quality Control		Memo		0.00							<i>I</i>	O

mr 12-07-26

NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE						
								_		· · · · · · · · · · · · · · · · · · ·		QA Closed:	Dat	:e:		
Work Ord	er:					DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No						Rework Skid-tube Crosstu Scrap Machining Small Use-as-is Thermoforming Finish Work Order Update Large Fab Composi			Il Fab	Prod. Eng. Coor. Rec/Store/Packaging						
Root					Descri	ption of work order update		Initial	Ac	tion		Sign &				
Cause		Date	Step	Qty	1 ,	or Non-conformance	Ch	nief Eng	Desc	ription		Date	Verification	n	QC Inspector	
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved															,	
						F	AUI	T CATE	GORY							
Landi	_	7			_	General		1		-	. —	1	,			
		Bending Centre N Cracks Crushed/ Cuffs Heat Trea	Crimped.		o/s	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled				Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned N	ct issing Wrong	N W	ressure/Forced emperature/Cure /eld /rong Stock Pulled	
	-	Inspectio		rube	 -	Cut Too Short Drill Holes	\vdash	Misread Offset	1			Power Loss/	Surge	lo	ther	
	Ripples in Bend Torque Waves in Extrusion					Drawing Drawing	\vdash	4	Calibration							

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

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Picklist Print

July-19-12 9:51:37 AM

Work Order ID:

87461

Parent Item:

D412-702-307

Parent Item Name:

Harness Assembly

Start Date: 7/05/12

Required Date: 8/03/12

Page 1

Start Qty: 3.00

Required Qty: 3.00

Comments:

IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand		Qty	Issued	Issued	. /
D3573-3		Manufactured	No			100	Each	12.0000	1	3	5		, AZ
Adapter									¢				
	,			Location		Loc Qty	Lo	oc Code				/	
				GA		12				7	//	2	/
				80-	485	12				<u> </u>			
D4088-041		Manufactured	No			100	Each	18.0000	1	3	/)/2	107
Shoulder Harness							_			(/	//
				<u>Location</u>		Loc Qty	Lo	oc Code			/	-	
				GA 84	794	-4 18				~ /	_	$\overline{}$	
,				ST267	/ 7 '1	22							/
MS24693-S272		Purchased	No	31207		100	Each	253.0000	4	12		/ \	
Screw		Purchased	110			100	Lucii	233.0000		12	7	110	107
				Location		Loc Qty	Le	oc Code				/	/
				GA		236				- /			
					8352	236				人	` ,	•	
				ST288		17							
					6391	11							
					6737	. 2			· · ·			\mathcal{I}	/
ANDCOTOLL			No	11	7977	100	Each	3,432.0000	· · · · · ·	12	سے کر	1	
AN960JD10LL Washer		Purchased	NO			100	Eacii	3,432.000	J . •	12	4	12	DZ
v asiici		•		Location		Loc Oty	T.	oc Code	,				7
				ST337A		3432		oc Coue	•				•
					085	272				12 1			
					600	3160				/ -			

NCR: Y	es / No				WORK ORDER NON-	CON	FORM	MANCE / UPI	DATE					
	_							· ·		QA Closed:	Date	:		
Work Orde	er:				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part N	lo				Rework Scrap Use-as-is		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing			-1	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other		
NCR No.					Work Order Update		Large Fab Composit			1.00/310/	Supplier			
Root				Descri	ption of work order update	Ir	nitial	Act	tion	Sign &				
Cause	Date	Step	Qty	(or Non-conformance	Chi	ef Eng	Descr	ription	Date	Verification	QC Inspector		
Doc/Data										,				
Equip/Tooling	_				•						!			
Operator														
Material		1												
Setup														
Other		*	1.				:							
Process	_							·		İ				
Supplier	_		1 1											
Training										ľ				
Unapproved	l					FA () 7	r CATE	CORY		<u> </u>				
Landie	ng Gear				General	FAUL	CATE	GURT				 		
Lanun	Bendin	~		_	Bend		Grain			Ovalized	Г	Pressure/Forced		
	_	s Not Conce	ntric to ()/s	BOM/Route	\vdash	Hardwa	uro.	 	Over/Under	tolerance	Temperature/Cure		
	Cracks	NOT CONCE	mine to t	" ³	Broken/Damaged			ion Incomplete		Part Incorre	}	Weld		
	-	d/Crimped		<u> </u>	Burrs			tions Incomplete/l	Unclear	Part Lost/M	⊢	Wrong Stock Pulled		
ļ	Cuffs	a, cimpeu	•	-	Contamination			enance	-	Part Moved	B			
	Heat Tr	eat		<u> </u>	Countersink	-	Mislabe		 -	Positioned V	Vrong			
		ion Strip ir	Tube	<u> </u>	Cut Too Short	-	Misread		-	Power Loss/		Other		
Ì		in Bend			Drill Holes	-	Offset	-	L	۱ ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ،	_	1		
1		Waves in	Extrusion	, <u> </u>	Drawing			Calibration		·				
	Turning Sequence				Finish			Sequence						

Outside Dimensions

DQA: _____ Date: ___

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

July-19-12 9:51:38 AM

Work Order ID:

87461

Parent Item:

D412-702-307

Parent Item Name:

Harness Assembly

MS21042L3

Nut

Purchased

No

Each

Start Date: 7/05/12 Start Qty: 3.00

3,103.0000

12

Required Qty-3.00

Required Date: 8/03/12

Location Loc Oty Loc Code ST300 1103 32 117885 119017 757 119075 138 121444 176 ST317 2000 122141 2000

100

NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE															
												QA Closed:	Da	ite:	
Work Ord	er:					DISPOSITION				DEI	PARTMENT/PROCESS				
Part No						Scrap Machining Small F Use-as-is Thermoforming Finishi			Crosstube Small Fab Finishing Composite	Prod. Eng. Coor. Quality Rec/Store/Packaging Other				Engineering Quality Other	
Root					Descri	ption of work order update		Initial	Act	rion		Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Descr	ription		Date	Verification	n	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved								LT CATE	CORV				·		
Landi	na (General F	AUL	LICATE	JORT				·		
Land		Bending Centre N Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples ir	Crimped at n Strip in n Bend	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset	on Incomplete ions Incomplete/l nance iled	Unclear		Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct issing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
1	1	rorque v	vaves in b	att usioi		Intamilia	1	Long of C	Landration						

Out of Sequence

Outside Dimensions

DQA:

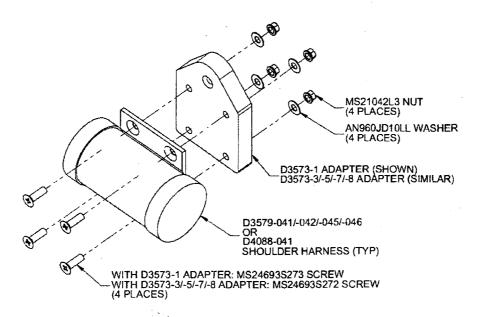
Date:

Turning Sequence

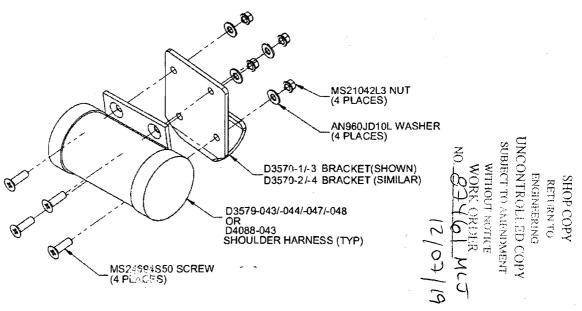
Wave/Twist in Tube

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



<u>DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B OR -301/-303/-305/-807/-309/-315/-317 HARNESS ASSEMBLIES</u>



DETAIL 'L' D412-702-111A/-111B/-113A/-113B OR -311/-313/-321/-323 HARNESS ASSEMBLIES

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			DQA:
NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE	

									QA Closed:	Date	:
Work Orde	r:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No					Rework Scrap Use-as-is Work Order Update	Scrap Machining Use-as-is Thermoforming			4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update ·	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector
Ooc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training											
Unapproved	<u> </u>]		*	AULT CATE	CORY		<u> </u>		
Landin	- C				General	AULI CATE	GURT				
	Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspection Ripples in Torque W	Crimped at n Strip in n Bend Vaves in E	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing	Inspect Instruct Mainte Mislabe Misreae Offset Out of	Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread			tolerance ct issing Vrong 'Surge	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
-	Turning S			<u> </u>	Finish	\vdash	Sequence				
1	Wave/Tw	ist in Tub	oe -		Folio	Outside	Dimensions				

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